

IN THE CLAIMS:

1. (Currently Amended) Chronograph mechanism for cooperating with a movement including:

- a frame (28) for carrying the components of the movement,
- means for counting the current time, including an energy source, a time base and a going train,

said mechanism including:

- means for counting measured times (40),
- coupling means (50), arranged for engaging and releasing the measured time counting means from the current time counting means, and
- means (60) for actuating the coupling means (50)

characterized in that:

- said means for counting measured times (40) include first (421) and second (422) chronograph gear trains, each intended to carry a hand (20, 22, 21, 23), which respectively assure the display of a first and a second measured time,
- said coupling means (50) include first and second coupling clutches (521, 522), for connecting the going train respectively to the first and the second chronograph gear trains,
- said actuating means include:
  - a control device (61, 65) arranged so as to engage or release one coupling clutch or the other (521, 522), and

- a switching device (64, 65) arranged such that actuation thereof causes the engaged coupling clutch to be released and the released coupling clutch to be engaged.

2. (Currently Amended) Mechanism according to claim 1, characterised characterized in that said actuating means further include an initialisation initialization device (70) arranged for controlling the resetting to zero of the measured time counting means (40).

3. (Currently Amended) Mechanism according to claim 2, characterised characterized in that the switching device (64, 65) includes a coupling structure (64b, 64c, 64d) arranged such that it can only be actuated when one of the chronograph gear trains (421, 422) is coupled.

4. (Currently Amended) Mechanism according to claims claim 1-to-3, characterised characterized in that the actuating means (60) include a locking structure (662, 664) arranged such that the initialisation device (70) cannot be actuated when one of the chronograph gear trains (421, 422) is coupled.

5. (New) Mechanism according to claim 2, characterized in that the actuating means include a locking structure arranged such that the initialisation device cannot be actuated when one of the chronograph gear trains is coupled.

6. (New) Mechanism according to claim 3, characterized in that the actuating means include a locking structure arranged such that the initialisation device cannot be actuated when one of the chronograph gear trains is coupled.